



U.S. Army
Southern Regional Environmental Office



REGION REVIEW

November 1999

REGION 4 EDITION

This publication provides current information on environmental actions and events in the Federal Region 4 area (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee) that affect U.S. Army activities and operations. Its purpose is to keep Army environmental decision-makers, planners and program managers abreast of developments important to their responsibilities. We encourage feedback and welcome suggestions for expanded or improved coverage. Please contact us at: U.S. Army Environmental Center, Southern Regional Environmental Office, Attn: SFIM-AEC-SR, 430 Tenth Street N.W. Suite S-206 Atlanta, GA 30318-5768, (404) 347-1570 ext. 275 commercial, (404) 347-1577 fax, or electronically at mgrice@sreo.army.mil. For additional sources of information regarding environmental regulations, please contact the Army Environmental Information System Hotline at 1-800-USA-EVHL or <http://aec.army.mil/>

SREO/AEPI RELOCATION INFORMATION

*The **AEC Southern Regional Environmental Office** and the **Army Environmental Policy Institute** are relocating on the 22nd of December 1999. Phone and fax numbers will be posted here as soon as they are determined.*

New AEPI/SREO Address:

101 Marietta Street, Suite 3120
Atlanta, GA 30303-2716

*The **Clark Atlanta AEPI office** address will remain the same.*

Clark Atlanta AEPI Address/Fax:

Army Environmental Policy Institute
Box 115
Clark Atlanta University
223 James P. Brawley Dr.
Atlanta, GA 30314
Fax: 404/880-6818

ANNOUNCEMENTS

1999-2000 Risk Communication Workshops: In the face of increasing public interest and knowledge about environmental and health issues, being able to communicate this kind of information clearly and effectively is critical to the success of your program. To support this need, the following Risk Communication Workshops are being conducted:

Introductory Classes: 11-13 January 2000 Washington, DC: 29 Feb – 2 March 2000 San Antonio, TX: 2-4 May 2000 Baltimore, MD: 6-8 June 2000 Seattle, WA: 22-24 August 2000 Baltimore, MD. **Advanced Classes:** 7-10 February 2000 Seattle, WA: 10-13 April 2000 San Antonio, TX: 17-20 July 2000 Baltimore, MD. For more information or a Workshop Application, Please Call Laura Hoover at (410) 436-7715 or check out the website at: chppm-www.apgea.army.mil/hrarcp/pages/index.html.

4th Annual Joint Services Pollution Prevention/Hazardous Waste Management Conference & Exhibition, December 6-9, 1999: The Annual Joint Services Pollution Prevention Conference and Exhibition Offers:

- A National Forum for Exchanging Ideas
- Success Stories
- Case Histories
- Technologies related to Pollution Prevention
- And, for the first time, Hazardous Waste Management

This conference, hosted annually by the Air Force Center for Environmental Excellence, crosses Federal, DoD, Academia and industry boundaries, opening channels for a combined effort to implement the essential pollution prevention and hazardous waste objectives shared by all. All this while still retaining a focus on base-level applications. This year the conference will be held 6-9 December 1999, at the Henry B. Gonzalez Convention Center in San Antonio, Texas. Next

year the conference will return to its original time 21-24 August, 2000. All logistical support is provided by the [National Defense Industrial Association](#). Register at <http://www.ndia.org/interview/register.ndia?~Brochure~040>. AFCEE Contacts Ms. Miriam E. Ortiz Phone: (210) 536-3403, (DSN) 240-3403 E-mail: miriam.ortiz@hqafcee.brooks.af.mil

Federal Strategic Environmental Research and Development Program (SERDP): SERDP funds environmental research and development through a competitive process. Because both government and private sector parties may compete for SERDP funds, there are two announcements for each solicitation: (1) a Broad Agency Announcement (BAA) for the private sector and (2) a Call For Proposals to the Federal Sector. There are two solicitations annually. The major annual solicitation for FY 2001 was released on November 17, 1999. Preproposals from the non-federal sector are due January 13, 2000 and this solicitation closes on March 16, 2000. Detailed instructions for both Federal and non-Federal proposers may be found by visiting the SERDP web site at www.serdp.org. Federal organizations that wish to participate in this solicitation must contact their respective member of the Executive Working Group (EWG) to obtain specific organizational proposal due dates and internal review procedures. The web page <http://www.serdp.org/general/about/contacts/contacts.html> or the SERDP Program Office (703-696-2127) can provide these names and phone numbers.

Permeable Reactive Barriers Training Session: EPA's National Risk Management Research Laboratory, Subsurface Protection and Remediation Division, and the Technology Innovation Office, in cooperation with the Remediation Technologies Development Forum and the Interstate Technology Regulatory Cooperation Work Group, will conduct a 1 1/2-day training course on the use of permeable reactive barriers for remediating and managing contaminated groundwater. The training session will be held in Atlanta, Georgia on 8-9 Feb 00 with a registration deadline of 10 Jan 00. The training course is designed to assist professionals in the regulatory community in overseeing the design, implementation, and monitoring of groundwater remedies that involve the deployment of permeable reactive barriers. Industry professionals and consultants will benefit from the updated technical information presented as well as the interaction with regulators and other professional colleagues. The registration fee is \$500. However, the fee will be waived for government and nonprofit participants. Register at www.trainex.org/prb/.

Real World Air Conference and Exhibition: The U.S. Army Forces Command and the U.S. Army Center for Health Promotion and Preventive Medicine (CHPPM) are partnering to conduct the second Real World Air Conference. The conference is intended to address current air pollution issues affecting federal facilities. The conference will be held **15-18 May 2000** in Atlanta, Georgia. Abstract topics include: (1) Pollution Prevention; (2) Particulate Matter (Both PM10 and PM2.5); (3) National Emission Standards for Hazardous Air Pollutants; (4) Regional Pollutant Transport; (5) Ozone Depleting Chemicals; (6) Sampling Methods; (7) Open burning/open detonation; (8) Emergency Planning and Community Right to Know Act (EPCRA); (9) Air Pollution Health Studies; (10) Legal Issues; (11) ISO 14000; (12) GIS Applications; and (13) Miscellaneous Issues. For additional information contact: Sherri Hutchens, (410) 436-8149, email: sherri.hutchens@apg.amedd.army.mil or Rochelle Williams, (404) 464-7695, email: williaro@FORSCOM.army.mil. Additional information can also be found on the Internet at: <http://chppm-www.apgea.army.mil/air/airconf/conf.htm>.

Region 4 Department of Defense P2 Partnership Grant and Meeting: This grant was awarded from EPA under the P2Rx program to Georgia with subcontracts to North Carolina and South Carolina. Under the grant, Georgia will be responsible for the coordination of a best management practices guide on priority environmental areas as determined by the bases. During the first year of the grant, Georgia will create a prototype of the manual and identify priorities on a state-by-state basis. States will be asked to take the lead in a specific area of the manual. North Carolina will be responsible for converting the printed guide to a web based form. The documents would then be placed on appropriate web sites including, but not limited to, state partnership pages, WRRRC, DENIX and the Joint Services Library. South Carolina will coordinate and develop the Region 4 DOD P2 Partnership on a similar format to the state partnerships. This effort will include meetings, conference calls and presentations. **The Tri-Service P2 Conference mentioned above will also serve as the location of the first meeting of the newly established EPA Region 4 Regional P2 Partnership.** The Regional P2 meeting will occur Wednesday, December 8th from 5:30-6:30pm. Point of Contact is Ms. LeAnn Herren at 803-777-1865, herren@iopa.sc.edu.

Spill Prevention, Control and Countermeasures (SPCC) and Facility Response Planning (FRP) Seminar: Eglin AFB will host a 3-day SPCC and FRP seminar at the Radisson Beach Resort Hotel in Fort Walton Beach Florida December 14-16. The Seminar is developed and presented by EPA staff members and is designed to promote better understanding and compliance with the existing spill prevention (SPCC) and response planning (FRP) requirements of 40 CFR Part 112. The seminars are targeted to those who own or operate facilities that store oil or oil products, oil field operators, regulators, consulting engineers and professional engineers who prepare and/or certify SPCC and FRP plans. Sessions will run from 0800 until 1630 each day. You are invited to attend either SPCC or FRP sessions or both. Attendance for the SPCC/FRP seminar will be on a first come basis, maximum of 50 people. Registration must be confirmed prior to attending the

SPCC/FRP seminar. To Register for this 3 day event contact Mr. Bruce Stippich at (850) 882-6282 Ext 337, DSN 872-6282 Ext 337, e-mail (stippich@ntserver.eglin.af.mil) or fax the registration form to (850) 882-3761.

Water Reuse 2000: The U.S. Environmental Protection Agency (EPA) is cosponsoring Water Reuse 2000, on **30 January-2 February 2000**, in San Antonio, Texas. Abstracts are being solicited to cover all aspects of water reuse, including: (1) agricultural reuse applications; (2) dual distribution system design and operation; (3) cross-connection control; (4) disinfection; (5) public outreach and education; (6) environmental enhancement through reuse; (7) health effects and risk assessment; (8) industrial reuse applications; (9) indirect potable reuse; (10) urban irrigation applications; (11) golf courses and parks; (12) regional program planning; (13) project economics, pricing, and financing, rate setting and capital funding; (14) regulatory and institutional issues; (15) research projects; (16) reclaimed water treatment technologies; (17) innovative urban reuse applications; (18) toilets, car washes and graywater systems; and (19) water quality issues. For further information contact: Lynda Pumphrey, (303) 347-6203, e-mail: lpumphre@awwa.org. Information also can be obtained from the Internet at: <http://www.awwa.org/00reuse/call/overview.htm>.

GUIDANCE

Persistent Bioaccumulative Toxic (PBT): On Oct 29, 1999, EPA published the final rule for Persistent Bioaccumulative Toxic (PBT) chemical reporting under the EPCRA TRI (64 FR 209, 29 Oct 99, page 58665). The final rule is available at EPA's TRI website at <http://www.epa.gov/opptintr/tri/index.htm>. It includes in the preamble a summary of EPA's response to comments, and is somewhat long compared to the actual changes. This rule first applies for EPCRA TRI reports due 1 Jul 01 for CY 2000. The rule does NOT apply to reports due 1 Jul 00 for CY 1999 or to any past TRI reports. USAEC POC is Mr. Mike Eck, 410-436-1227, michael.eck@aec.apgea.army.mil.

U.S. Army Environmental Center's Hazardous Waste Study No. 37-7016-97/98, July 1997- February 1998: This study provides much of the analytical data necessary for conducting the hazardous waste identification for expended smoke pots. For a copy or more information on this study contact Tim Alexander, (410) 436-1207, taalexan@aec.apgea.army.mil. This study indicates that expended M5-HC smoke pots that are removed from the range are hazardous waste due to toxicity of residuals and that other smoke generating munitions may also qualify as hazardous waste. (NOTE: AEC IS CONDUCTING HAZARDOUS WASTE IDENTIFICATIONS ON A NUMBER OF OTHER EXPENDED MUNITIONS ITEMS. THE RESULTS OF THIS STUDY WILL BE AVAILABLE IN LATE CY 99.)

FEDERAL

CAA, Title III NESHAP

National Emission Standards for Hazardous Air Pollutants: Halogenated Solvent Cleaning		Date: 10/18/1999
NEPSS Work Area: CAA	Action Type: DFRM, Withdrawal	Cite: 64 FR 56173
Summary: Due to receipt of adverse comments, EPA is withdrawing an August 19, 1999 direct final rule (64 FR 45187) which would have amended the "National Emission Standards for Hazardous Air Pollutants: Halogenated Solvent Cleaning." The direct final rule would have provided additional compliance options for continuous web cleaning machines, as well as clarifications that apply to steam-heated vapor cleaning machines and to cleaning machines used to clean transformers.		
Potential Impact: Potential impact on facilities regulated by the Halogenated Solvent Cleaning NESHAP.		
Further Information: Mr. Paul Almodovar, Coatings and Consumer Products Group, Emission Standards Division (MD-13), U.S. Environmental Protection Agency, Research Triangle Park, North Carolina 27711, telephone number (919) 541-0283; almodovar.paul@epa.gov		
Full Text Document Location: http://www.epa.gov/fedrgstr/EPA-AIR/1999/October/Day-18/a27189.htm		

CAA, Title V Operating Permits

EPA Operating Permits Program Website		Date: 11/01/1999
NEPSS Work Area: CAA	Action Type: Notice	Cite: None
Summary: An EPA web site is available that provides information on the air permitting process including Title V permitting and New		

Source Review. Among other things the site currently contains a database of EPA guidance on Title V permitting. The database can be searched online or downloaded in its entirety. The site will eventually allow on-line viewing of permits, engineering reports, and correspondence from regional, state and local air agencies.

Potential Impact:

Provided for information only.

Further Information:

Full Text Document Location:

<http://www.epa.gov/oar/oagps/permjimp.html>

CWA

National Primary Drinking Water Regulations; Radon-222

Date: 11/02/1999

NEPSS Work Area:

CWA

Action Type:

Proposed rule

Cite:

64 FR 59245

Summary:

EPA is proposing a multimedia approach to reducing radon risks in indoor air (where the problem is greatest), while protecting public health from the highest levels of radon in drinking water. Most radon enters indoor air from soil under homes and other buildings. Only approximately 1-2 percent comes from drinking water. EPA is proposing a Maximum Contaminant Level Goal (MCLG)* of zero, and National Primary Drinking Water Regulations (NPDWR) for radon-222 in public water supplies. (* **The MCLG is not an enforceable limit.**)

Under the framework set forth in the 1996 amendments to the SDWA, EPA is also proposing an alternative maximum contaminant level (AMCL) and requirements for multimedia mitigation (MMM) programs to address radon in indoor air. Public water systems (PWS) are defined in the Safe Drinking Water Act (SDWA). This proposed rule applies to community water systems (CWS), a subset of Public water systems (PWS) as defined in the Safe Drinking Water Act (SDWA). Under the proposed rule, CWSs may comply with the AMCL (of 4000 pCi/L) if they are in States that develop an EPA-approved MMM program or, in the absence of a State program, develop a State-approved CWS MMM program. This approach is intended to encourage States, Tribes, and CWSs to reduce the health risk of radon in the most cost-effective way. The Agency is also proposing a maximum contaminant level (MCL) of 300 pCi/L for radon-222, to apply to CWSs in non-MMM States that choose not to implement a CWS MMM program. The proposal also includes monitoring, reporting, public notification, and consumer confidence report requirements for radon-222 in drinking water.

EPA must receive public comments by January 3, 2000

Potential Impact:

Radon monitoring will be required for water supply systems. Monitoring requirements may be reduced or waived where appropriate following initial system monitoring.

Further Information:

Sylvia Malm, Office of Ground Water and Drinking Water, EPA phone: (202) 260-0417. E-mail: malm.sylvia@epa.gov

Full Text Document Location:

<http://www.epa.gov/fedrgstr/EPA-WATER/1999/November/Day-02/w27741a.htm>

<http://www.epa.gov/fedrgstr/EPA-WATER/1999/November/Day-02/w27741b.htm>

<http://www.epa.gov/fedrgstr/EPA-WATER/1999/November/Day-02/w27741c.htm>

CWA, Non-Point Source Pollution

Notice of Availability of an Integrated Assessment of the Causes and Consequences of Hypoxia in the Gulf of Mexico

Date: 10/21/1999

NEPSS Work Area:

CWA

Action Type:

Notice and Request for Comments

Cite:

64 FR 56788

Summary:

An integrated assessment of the causes and consequences of hypoxia in the Gulf of Mexico is available, prepared by EPA, in coordination with the National Ocean Service (NOS), and National Oceanic and Atmospheric Administration (NOAA). The Integrated Assessment examines the distribution, dynamics, and causes of hypoxia; ecological and economic consequences; sources and loads of nutrients transported by the Mississippi River to the Gulf of Mexico; effects of reducing nutrient loads; methods for reducing nutrient loads; and the social and economic costs and benefits of such methods.

The Integrated Assessment and other material may be reached via either the EPA or NOAA/NOS websites at

<http://www.epa.gov/msbasin/> or http://www.nos.noaa.gov/Products/pubs_hypox.html

Comments must be received by December 20, 1999.

Potential Impact:

Concerns over the annually occurring summer hypoxia in the Gulf of Mexico may presage greater controls on nutrients in affected watersheds. Although agriculture would be a primary focus, nitrogen controls could be implemented on domestic wastewater treatment plants, and use of nitrate fertilizers in other contexts such as golf course and grounds maintenance could be discouraged.

Further Information:

Mr. Donald Pryor, National Oceanic and Atmospheric Administration (NOAA), National Ocean Service, National Centers for Coastal Ocean Science, Room 9127, 1305 East-West Highway, Silver Spring, MD 20910, telephone 301-713-3000x127, Internet: don.pryor@noaa.gov; or Dr. Mary Belefski, U.S. EPA, Assessment and Watershed Protection Division (AWPD), 401 M Street, SW (4503F), Washington, DC 20460, telephone (202) 260-7061; Internet: belefski.mary@epa.gov.

Full Text Document Location:

<http://www.epa.gov/fedrgstr/EPA-WATER/1999/October/Day-21/w27543.htm>

General, Risk Assessment

Revised Priority List of Hazardous Substances That Will Be the Subject of ASTDR Toxicological Profiles

Date: 10/21/1999

NEPSS Work Area:

General

Action Type:

Notice

Cite:

64 FR 56792

Summary:

CERCLA requires the Agency for Toxic Substances and Disease Registry (ATSDR) and EPA to maintain and revise the Priority List of Hazardous Substances. This list includes substances most commonly found at facilities on the CERCLA National Priorities List (NPL) which have been determined to be of greatest concern to public health at or around these sites. The algorithm used in ranking hazardous substances on the priority list consists of three criteria: frequency of occurrence at NPL sites; toxicity; and potential for human exposure. The 1999 Priority List includes 275 substances. A total of 815 candidate substances have been analyzed and ranked with the current algorithm.

In addition to the Priority List of Hazardous Substances, ATSDR has developed a Completed Exposure Pathway Site Count Report. This report lists the number of sites or events with ATSDR activities where a substance has been found in a completed exposure pathway (CEP). This report is included in the Support Document of the Priority List.

The 1999 Priority List of Hazardous Substances will be posted at <http://www.atsdr.cdc.gov/99list.html>

Potential Impact:

Potentially of interest to those involved in site remediation or pollution prevention efforts.

Further Information:

ATSDR, Division of Toxicology, Emergency Response and Scientific Assessment Branch, 1600 Clifton Road NE, Mail Stop E-29, Atlanta, GA 30333, telephone 888-442-8737.

Full Text Document Location:

<http://www.epa.gov/fedrgstr/EPA-TOX/1999/October/Day-21/t27466.htm>

NEPA, Announcements

Army Draft Programmatic Environmental Impact Statement on Transportable Treatment Systems for Non-Stockpile Chemical Warfare Materiel

Date: 10/21/1999

NEPSS Work Area:

NEPA

Action Type:

Notice

Cite:

64 FR 56774

Summary:

The Army has prepared a Draft Programmatic Environmental Impact Statement (DPEIS) addressing demilitarization of "non-stockpile" chemical warfare materiel. Non-stockpile CWM covered under this DPEIS includes: (1) Munitions containing chemical agent or industrial chemicals, (2) chemical agents or industrial chemicals contained in other than munitions configurations, and (3) chemical agent identification set items containing small quantities of pure or diluted agent used for training purposes. Copies of the DPEIS can be accessed at <http://www-pmcd.apgea.army.mil/nscmp/index.html>.

Comments must be received on or before February 4, 2000.

Potential Impact:

Provided for information only.

Further Information:

Mr. John K. Giesecking, Aberdeen Proving Ground, MD (410) 436-3768; john.giesecking@pmcd.apgea.army.mil.

Full Text Document Location:

http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=1999_register&docid=99-27501-filed

ALABAMA

Media/Regulatory Area: RCRA

Announcing Agency: Department of Environmental Management

Purpose of Notice:

The Department is proposing its next revisions to its hazardous waste rules to incorporate the latest changes made to the federal RCRA rules. The revisions will incorporate regulations promulgated by USEPA between 09/01/98 and 06/30/99. The revisions add requirements for post-closure permits and the closure process, hazardous remediation waste management, hazardous waste TSD facilities, and land disposal restrictions to the universal waste regulatory requirements. The Department will hold a public hearing 12/06/99 and written comments will be accepted until 12/20/99.

Effective Date: NA

Source: Stateside Report 3 November 1999

POC: Gerald Hardy, 334-271-7732

Media/Regulatory Area: Water

Announcing Agency: Department of Environmental Management

Purpose of Notice:

The Department is conducting a review of its water regulations covering: Water Quality Criteria (335-6-10) and Water Use Classifications for Interstate and Intrastate Waters (335-6-11). The review is being done in connection with the state's triennial review of the water quality standards. A public hearing will be held 12/13/99 and written comments will be accepted until 01/12/99. The Department will hold another public comment period if any amendments are determined to be necessary.

Effective Date: NA

Source: Stateside Report 3 November 1999

POC: John Poole, 334-271-7715

FLORIDA

Media/Regulatory Area: Water

Announcing Agency: Department of Environmental Protection

Purpose of Notice:

The Department is planning to begin positioning itself to takeover the NPDES program currently enforced by the USEPA. The program will affect all industrial facilities with wastewater and stormwater discharge in the State of Florida. The Department's NPDES Stormwater Delegation Technical Advisory Committee met 08/19/99. The Department held a workshop regarding the NPDES stormwater delegation rules 08/20/99. Workshops will be held 12/13/99, 12/15/99, and 12/16/99.

Effective Date: NA

Source: Stateside Report 3 November 1999

POC: Michelle Bateman, 850-921-5330

Media/Regulatory Area: Water

Announcing Agency: Department of Environmental Protection

Purpose of Notice:

The Department is preparing to amend its 303(d) list. The amendments are expected to reflect the findings in Florida's 1998 305(b) report and reflect a more rigorous data evaluation procedure adopted by the Department. The Department is required to submit to USEPA a list of state waters that do not meet water quality standards, and then develop total maximum daily loads (TMDLs) for those listed waterbodies. The establishment of a TMDL for a waterbody could result in a reduction in allowable discharges to the waterbody and/or efforts to control non-point source pollution to the waterbody. Public meetings were

held 05/25/99 and 05/26/99. The Department's 303(d) List Methodology Technical Advisory Committee met 08/12/99 and 09/15/99. The Department's 303(d) List Methodology Technical Advisory Committee met 10/20/99. Public meetings of the 303(d) List Methodology Technical Advisory Committee are scheduled for 11/19/99, 12/15/99, and 01/20/00.

Effective Date: NA
Source: Stateside Report 3 November 1999
POC: Jan Mandrup-Poulsen, 850-921-9488

KENTUCKY

Media/Regulatory Area: CAA
Announcing Agency: Environmental Quality Commission
Purpose of Notice:

The Department has adopted regulations in accordance with Clean Air Act Section 112(r), to incorporate by reference the federal rule for chemical accident prevention and risk management through 08/05/99. These regulations establish provisions, methods and procedures for major sources of HAPs which are subject to the federal program for chemical accident prevention and risk management. The revisions impacted the following rules: 68:010 General Provisions, 68:020 Hazard prevention, 68:048 Program 2 prevention program, 68:065 Program 3 prevention program, 68:090 Emergency Response, 68:100 Regulated substances for accidental release prevention, 68:150 Risk Management plan, 68:200 Recordkeeping. The Department held a public hearing 01/22/99 and accepted written comments until that date. The Department amended its proposal to adopt the federal rule promulgated to 01/06/99. The Legislature amended the proposal to include the federal rules promulgated through 08/05/99 and adopted the proposal, as amended.

Effective Date: 13 Oct 99
Source: Stateside Report 3 November 1999
POC: Millie Ellis, 502-573-3382

NORTH CAROLINA

Media/Regulatory Area: CAA
Announcing Agency: Department of Environment and Natural Resources
Purpose of Notice:

The Department is proposing amendments to its Title V permit regulations (15A NCAC 2Q.0102 and .0502). The amendments are to make the rule compatible with the latest USEPA interpretation of the Clean Air Act by correcting several deficiencies identified by USEPA. The amendments will require emissions from research and development operations to be included with the emissions from other sources to determine Title V applicability. Adoption of these amendments will allow the State to gain final approval of its Title V program. The Department will hold a public hearing 10/26/99 and written comments will be accepted until 11/01/99. The Department anticipates an effective date of 07/01/00. The Department temporarily adopted the proposed rules 10/14/99. The temporary rules become effective 12/01/99. North Carolina's interim approval for its Title V program expires 06/02/00 and will cover the gap between interim approval termination and the effective date of the permanent rule amendments.

Effective Date: NA
Source: Stateside Report 3 November 1999
POC: Tom Allen, 919-733-1489